



CITY OF CONOVER WASTEWATER TREATMENT ANNUAL PERFORMANCE REPORT

To:

From: City of Conover
PO Box 549
Conover, NC 28613

Purpose: This report is to notify our customers about our water pollution control activities during the fiscal year from July 1, 2010 through June 31, 2011. It covers the City of Conover NE Wastewater Treatment Plant and Collection System.

I. General Information

Facility System Name: City of Conover Wastewater Treatment and Collection System

Responsible Entity: City of Conover

Person in Charge/Contact: Michael Fox - Wastewater Treatment and Collection Supervisor and
Northeast WWTP ORC
Phone: 465-2279 Cell 217-5097
Tony Parker- Collection System ORC
Cell 312-4344
Collection System
Cell 217-5101

Applicable Permits: Northeast Wastewater Treatment Plant NC0024252
City of Conover Collection System Permit No. WQCS00088

Description of Collection System and Treatment Processes:

Collection System: The City of Conover's collection system consist of 116 miles of sewer line with seven pumping station. The collection system transports wastewater to the City of Conover's Northeast Wastewater Treatment Plant, and a portion, to the City of Newton's Regional Clark Creek Wastewater Treatment Plant.

Northeast Wastewater Treatment Plant: The City of Conover Northeast Wastewater Treatment Plant is located at 3680 Hillview Drive, Conover. It is a sequencing batch reactor, activated sludge facility with tertiary sand filters. The discharge goes into Lyle Creek. The Northeast Facility has a permitted treatment capacity of 1.5 million gallons per day with a present day average flow of 0.658 million gallons per day.



City of Conover Collection System Overflow Response Communicators
These devices help predict and prevent sewer overflows

Note to Consumers: If all of your drains seem to be clogged, call the City before calling a plumber. The City crew will come out, at no charge, and check the problem and unclog the blockage if it is in the City's collection line. If it is in your lines you will have to call a plumber, but let us check first.

Day time numbers:	464-4808
	465-2279
	217-5101
	217-5097
Evenings	464-3112

Please help us keep our environment clean. Dispose of cooking grease as solid waste

II. Performance:

The City of Conover is very proud of the performance of the treatment plant and collection system over this year 2010-2011.

Collection System:

The City of Conover's Collection system experienced two reportable overflows during the 2010-2011 period.

On December 24, 2010 a manhole overflowed at 609 4th St SW.. An estimated 700 gallons of untreated wastewater was spilled. Roots and debris in the line was the cause.

On December 10, 2010 a manhole overflowed at 2009 Keisler Road SE. An estimated 4500 gallons of untreated wastewater was spilled. Debris in the line was the cause.

On January 27, 2011 a manhole overflowed behind the City of Conover Public Works Complex on 4th Street SW. An estimated 500 gallons of untreated wastewater was spilled. Debris in the line was the cause.

On March 18, 2011 a manhole overflowed at the ER Carpenter Pump Station site. An estimated 800 gallons of untreated wastewater was spilled. Debris in the line was the cause.

The City of Conover's staff would like to take this opportunity to thank the concerned citizens who notified us of sewer problems this past year. Your help greatly improves our ability to protect the environment.

Northeast Wastewater Treatment Plant:

The City's Northeast Treatment Plant was in compliance with all parameters during the 2011-2012 period.

NEWWTP NC0024252	Discharge 001									
	Effluent Pollutants					Influent Pollutants			Removal	
Date	Flow (mgd)	BOD	NH3	TSS	Fecal Coliform	Toxicity	BOD	TSS	BOD	TSS
July-10	0.592	2.61	0.54	4.65	11		214	234	99%	98%
August-10	0.544	0.85	0.57	2.18	3		219	164	100%	99%
September-10	0.603	0.30	0.28	3.52	2	PASS	250	212	100%	98%
October-10	0.748	0.95	0.87	2.39	2		237	180	100%	99%
November-10	0.599	0.00	0.50	0.84	1		245	228	100%	100%
December-10	0.778	1.01	0.56	4.13	1	PASS	249	243	100%	98%
January-11	0.727	0.00	0.40	1.62	1		288	220	100%	99%
February-11	0.725	0.19	0.39	0.33	1		247	207	100%	100%
March-11	0.790	0.77	0.62	1.52	2	PASS	281	184	100%	99%
April-11	0.656	0.84	0.36	3.17	1		211	202	100%	98%
May-11	0.620	2.31	0.55	3.17	3		251	283	99%	99%
June-11	0.509	1.97	0.81	4.19	10	PASS	348	426	99%	99%
Yearly Average	0.658	0.98	0.54	2.64	3		253	232	100%	99%
NPDES LIMIT	1.500	16/8	4.0/2.0	30	200col/100ml	Pass/Fail			85%	85%

Any questions concerning this report please call Michael Fox at 465-2279.